

MAY 02 2005

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**FACSIMILE COVER SHEET**

**To:** United States Patent and Trademark Office  
Attn: Examiner James Stein in Art Unit 2874

**Fax Number:** (703) 872-9306

**From:** Nancy R. Simon  
**Phone Number:** (408) 973-7872  
**Fax Number:** (408) 973-7282

**Date:** May 2, 2005

**Total pages:** 12 (includes cover sheet)

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**Message:** Re: U.S. Patent Application 10/638,174

Submitted in the above-identified patent application is an Amendment (10 pages) and a Transmittal Form (1 page). If you have any questions, please do not hesitate to contact me.

Sincerely,

Nancy R. Simon

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10004207-1

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MAY 02 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Dale W. Schroeder

Serial No.: 10/638,174

Examiner: James D. Stein

Filing Date: August 7, 2003

Group Art Unit: 2874

Title: Microelectromechanical Optical Switch Using Bendable Fibers To Direct Light Signals

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	15	MINUS	20	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 350	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Dale W. Schroeder

By Nancy R. Simon

Nancy R. Simon  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office on  
the date shown below:

Date of facsimile: May 2, 2005

Typed Name: Nancy R. Simon

Signature: Nancy R. Simon

Reg. No. 36,930

Date: May 2, 2005

Telephone No. (408) 973-7872

MAY 02 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

DALE W. SCHROEDER

**Serial No.: 10/638,174**

**Filed: AUGUST 7, 2003**

**For: MICROELECTROMECHANICAL  
OPTICAL SWITCH USING  
BENDABLE FIBERS TO DIRECT  
LIGHT SIGNALS**

Atty Docket: 10004207-1

**Examiner: JAMES D. STEIN**

Group Art Unit: 2874

**AMENDMENT**

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**Dear Sir:**

In response to the office action mailed January 31, 2005, please amend the above-identified application as follows.

## CERTIFICATE OF TRANSMISSION

37 C.F.R. 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, fax number (703) 872-9306, on May 2, 2005.

Number (703) 872-9306, on May 2, 2005.

Nancy R. Simon

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**Nancy R. Simon**